

# DICKSON PL100/300/500

## PRESSURE DATA LOGGER WITH DISPLAY

Dickson's PL series Pressure Data Loggers with jumbo display offer all of the key features you've been looking for including: Min/Max display, super high-speed USB 2.0 connectivity, one step data transfer using removable SD Flash memory cards, 1 second sample rate, and much more. All of these features are available in three pressure ranges: 0 to 100, 300, or 500 PSI and come in a NEMA 4x water resistant enclosure. Downloading logged data is easier than ever with two download options: USB, or portable Flash memory cards.

User-friendly DicksonWare™ software makes it simple to integrate recorded pressure data into documents and spreadsheets, giving results a professional, polished look. When fulfillment of regulatory requirements or accurate recording of pressure for quality control is needed, this logger is the perfect instrument.



### Specifications:

**Pressure Ranges:** PL100: 0-100 PSI; PL300: 0-300 PSI; PL500: 0-500 PSI

**Accuracy:**  $\pm 1\%$  of full scale

**Ambient Operating Conditions:** -4 to +158°F (-20 to +70°C); 0 to 100% RH

**IP Rating:** IP54

**Units of Measure:** PSI, Atm, Bar, milli Bar, in H2O, ft H2O, mm H2O, mm HG, in Hg, Pascal, Kilopascal

**Power Source:** 4 AA batteries

**Battery Life:** 6 months typical

**Fitting:** 1/4" NPT

**Data Storage:** 32,000 sample points (16,000 per channel)

**Sample Interval (user selectable):** 1 second to 24 hours

**Download:** USB or SD Flash Memory Card

**Case:** Velox PBT NEMA 4x enclosure

**Mounting:** Stem or keyhole slots for wall mounting

**Dimensions:** 6.9" x 6.3" x 2.9" (17.6 cm x 16.0 cm x 7.4 cm)

### A016 - DicksonWare™ & Download Cable Specifications:

**Compatible With:** Microsoft Windows® 95 or higher

**PC Requirements:** PC w/ 386MHz or faster microprocessor, 16 MB RAM, 1 USB root hub, CD drive

**Cable Type/Length:** USB male series "A" plug to 5-pin male series "B" mini plug, 6' (2 meters)

**Computer Interface:** USB

**DicksonWare™ Version Required (minimum):** 8.1